

LESSON PLAN

- **THEME** : Perimeter And Area Of Polygons
- **Time Frame** : 40 minutes
- **Lesson Topic** : Finding Perimeter Of The Polygons
- **Content Skills** : Developing The Perimeter Formula For Polygons

Substitute given values into the formula to find perimeter of the polygons.

LANGUAGE SKILLS

- Use present tense verbs correctly
- Participate in lesson

THINKING/STUDY SKILLS

- Visualizing
- Team Work
- Taking Notes

KEY VOCABULARY

- Polygon
- Dimension
- Length
- Width/Breadth
- Perimeter

MATERIALS

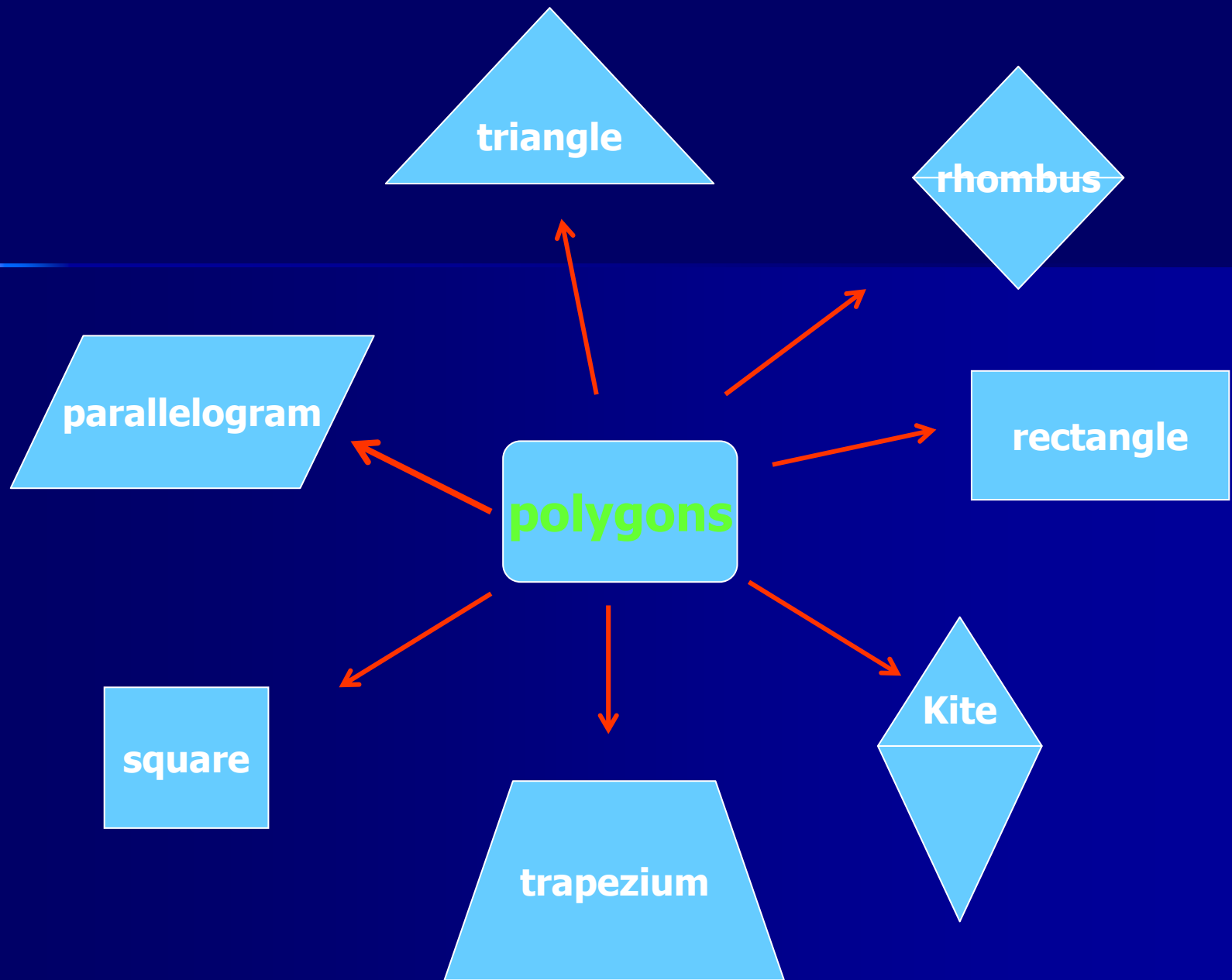
- Notebook
- Ruler
- Coloured Cardboard
- Text Documents

WARM UP

- **Teacher:** "We learned the shapes of polygons. And I want any volunteer to give examples to the any shape?"
- **Students** give examples. (Triangle, square, rectangle, etc.)

WARM UP

- Teacher sticks coloured cardboard and wants name of the shapes from the students.
- And Start to give more information about polygons and their perimeter to the students.



MOTIVATION

- Teacher divides students into groups of four. All four are responsible for the work, but the tasks could be assigned to them.

MOTIVATION(cont.)

- **Recorder:** Keeps a record of all important informations.
- **Measurement Verifier:** Verify all measurements and calculations.
- **Reporter:** Shares all information in the class

MOTIVATION(cont.)

- The teacher distribute coloured polygons
 - Square
 - Rectangle
 - Trapezium
 - Kite
 - Rhombus
 - Parallelogram
 - Triangle
- to each group. Each group will take only one.

Presentation 1

- Teacher explain the definition of perimeter.
- "PERIMETER is the total length of its sides"
- Teacher draws any shapes of polygon and measures its sides with ruler and teach how to calculate perimeter of this polygon.

PRACTICE

- Teacher asks from groups to **measure** the dimensions of shape that they have and **calculate** its perimeter.
- Allow students to share with in their groups and check the measurements and calculations.

Presentation 2

- The teacher gives perimeter formula for each polygon and find one of perimeter of polygons by formula.
- And wants from groups to calculate perimeter of their own polygon by substitute measured values into formula.

Presentation 2 (cont.)

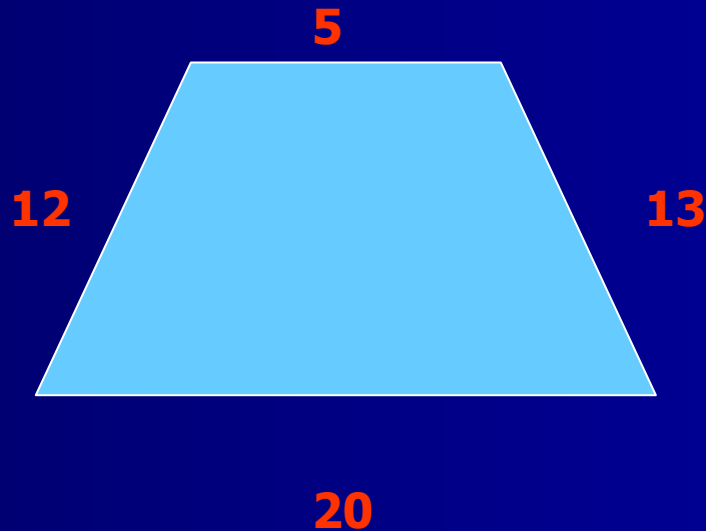
- By this method students can compare their results and see that both calculations are the same.
- And students will understand how the formula of perimeter is occurred.

Presentation 2 (cont.)

- Teacher solves different type of questions about polygons for scaffolding.
- Ex1:

| | Length | Width | Perimeter |
|---------------|--------|-------|-----------|
| Parallelogram | 8 cm | x | 32cm |

- **Ex2:** Find the perimeter of given trapezium.



REVIEW/EVALUATION

- Teacher mentions the perimeter of polygon.
- Write different types of questions on the board and ask from students to solve.
- So teacher will check the students understanding.

EXTENTION

- The teacher will give homework materials to the students to solve them.
- Also give measurement homework (students will measure something from their home like polygon and calculate its perimeter)

**THANK YOU
FOR
LISTENNING 😊**

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